



UP-Series

The Leader in Rotary Screw Air Compressor Technology

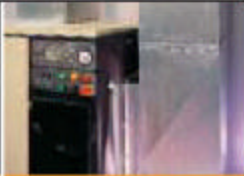
Move UP to a new standard of performance and value



Less Gets You More!



Less Noise...



Less Connections...



Less Space...



Less Maintenance...

Quiet by design

Rather than simply add more foam insulation to our cabinets, Ingersoll-Rand redesigned our package with one quieting design element after another - high efficiency aircend and low speed motor, motor shaft mounted centrifugal blower, segregated cooling system and our patented compartmentalised acoustic (sound) enclosure to provide the lowest noise levels available (68dBA).

Fewer Connections

IR eliminated nearly 50% of the connections with its innovative close coupled aircend and separator. The new design also improves performance by reducing pressure losses.

Less Space

Our space saving design gives you more flexibility during installation and servicing. The footprint, convenient location of the service panel and easy access to internal components allow the unit to be positioned in smaller areas and close to the wall.

Reduced Maintenance

IR's patented belt tensioning system simplifies belt installation and automatically maintains correct belt tension. No more frequent belt adjustments. Our new spin on separators reduce the time to service our units by 25%. Our integral package prefilters increase cooler life and decrease maintenance expense.

Lower Speeds

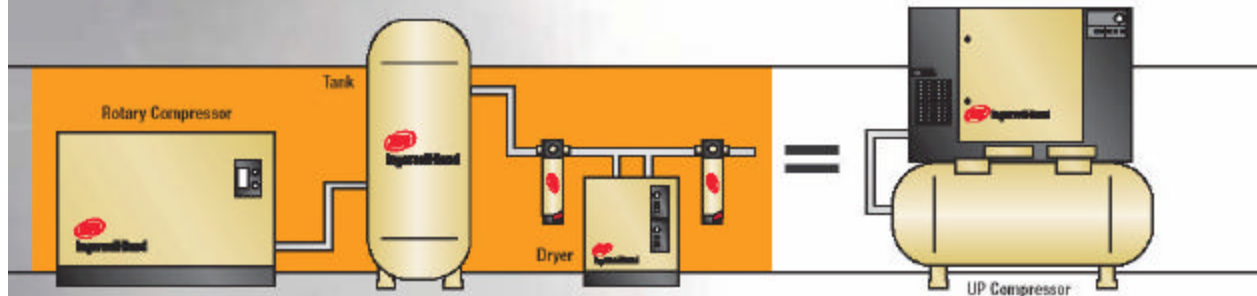
We heard our customers voice their concerns regarding the durability of high-speed motors and we responded. All UP-Series compressors utilise low speed, high efficiency 1500 RPM motors for maximum durability and extended life.

Lowest Cost of Ownership

The UP-Series proves its value with lower cost of installation, operation and ownership. Superior efficiency and reliability. Reduced maintenance. Easy service access with a space saving design. Among the quietest in its class.



Integrated Solutions That Perform



Smart Packaging

More than ever before, less gets you more. The IR UP-Series rotary screw compressor with an integrated dryer packs even more value into a versatile, compact package that will save you time, energy, space and money.

Installation Cost Saving

The average cost to install a conventional 11 - 30 kW compressor system can run between €600 and €800 for basic labour and materials. But more important are the hidden costs in lost productivity spent in meetings, fine tuning location and connections and multiple trips by the installers. Suddenly what you thought would be a one-day install has become a three or four-day effort.

Simplicity

Contrast that with the ease and simplicity of installing an IR integrated dryer package. Everything's integrated and mounted on the receiver, so it couldn't be simpler to install. Your system can be installed and operating in hours.

And even more important:

- The package cost is less than the installed component cost
- A tank-mounted unit takes up much less space than separate components

- The unit can be relocated and reconnected quickly and easily

All the Components for a Complete System in One Package

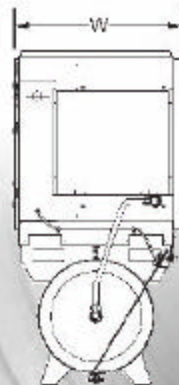
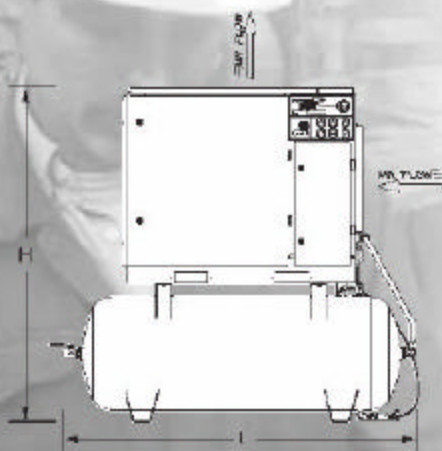
- Class leading UP series, Rotary Screw air compressor
- Performance optimised
- High efficiency moisture separator and trap between the aftercooler and dryer
- Corrosion resistant pipework and valved bypass

- Standard 0.5 micron coalescing filter
- Convenient dryer and filter access for easy service and maintenance



Specifications

UP-Series



Specifications								
Model No	KW	HP	CAPACITY		Bar at discharge		no dryer included*	dBA†
			M3/min	(cfm)	FAD	dryer		
UP5 11 7	11	15	1.84	65	7.5	7.25	68	
UP5 11 8	11	15	1.70	60	8.5	8.25	68	
UP5 11 10	11	15	1.54	54	10	9.75	68	
UP5 15 7	15	20	2.41	85	7.5	7.25	68	
UP5 15 8	15	20	2.36	83	8.5	8.25	68	
UP5 15 10	15	20	2.07	73	10	9.75	68	
UP5 15 14	15	20	1.61	57	14	13.75	68	
UP5 18 7	18.5	25	3.00	106	7.5	7.25	68	
UP5 18 8	18.5	25	2.85	101	8.5	8.25	68	
UP5 18 10	18.5	25	2.61	92	10	9.75	68	
UP5 18 14	18.5	25	2.01	71	14	13.75	68	
UP5 22 7	22	30	3.54	125	7.5	7.25	69	
UP5 22 8	22	30	3.34	118	8.5	8.25	69	
UP5 22 10	22	30	3.11	110	10	9.75	69	
UP5 22 14	22	30	2.32	82	14	13.75	69	
UP5 22E 7	22	30	4.00	141	7.5	-	69	
UP5 22E 8	22	30	3.80	134	8.5	-	69	
UP5 22E 10	22	30	3.50	124	10	-	69	
UP5 22E 14	30	30	2.80	99	14	-	69	
UP5 30 7	30	40	5.60	199	7.5	-	69	
UP5 30 8	30	40	4.90	173	8.5	-	69	
UP5 30 10	30	40	4.70	166	10	-	69	
UP5 30 14	30	40	3.90	138	14	-	69	

Dimensions & Weights						
Mounting	KW	L	W	H	Package weight	
					Std package	Integral dryer
Std	11	1282	909	1050	509	-
Baseplate package	15	1282	909	1050	509	-
	18	1282	909	1050	532	-
	22	1282	909	1050	540	-
	22E	1670	1341	1344	592	-
30	1670	1341	1344	1028	-	-
Baseplate with Dryer*	11	1702	909	1050	-	611
	15	1702	909	1050	-	611
	18	1702	909	1050	-	634
	22	1702	909	1050	-	642
Tank-Mounted 500 litre Receiver**	11	2019	909	1757	730	832
	15	2019	909	1757	730	832
	18	2019	909	1757	753	864
	22	2019	909	1757	761	872
Tank-Mounted 750 litre Receiver**	11	2132	909	1887	801	903
	15	2132	909	1887	801	903
	18	2132	909	1887	824	935
	22	2132	909	1887	832	943

* Maximum discharge pressure for package which includes moisture separator, refrigerated dryer, valued types and installation, GP filter to 5 micron, and condensate drains. Capacity quoted tested in accordance with ISO 1217 annex C 1996 (CAG-prosum. PN20PT2)

** Dimensions equal for receiver mounted package either with or without dryer.

† per CAG PN91TC2.2